## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CDC-120 (11/8

| In re Applica | tion of | Albert | DUNN | et | al |
|---------------|---------|--------|------|----|----|
| Serial No.:   | 531,93  | 39     |      |    |    |

Filed: September 7, 1983
Title: STEERING OF MISSILES

| Group Art Unit_ | 221     |    |       |
|-----------------|---------|----|-------|
| Examiner C.     | Jorda   | n  |       |
| Ref. No. SB-    | -186    |    |       |
| Our Account No  | . 03-39 | 75 |       |
| Our Order No    | 817     | /  | 34472 |
| _               | C#      | /  | M#    |
| January         | 2, 19   | 86 |       |
|                 | Dat     | e  |       |

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

## RESPONSE/AMENDMENT/LETTER

This is a response/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is to be treated as the signature to the attachment in absence of a signature thereto.

RECEIVED

Fee requirements (if any) have been calculated as shown below:

## **CLAIMS AS AMENDED**

JAN 2 1513

| DOWNGRADE | THIS  | DOCU  | MENT |
|-----------|-------|-------|------|
| TO DECLA  | SSIFI | ED UE | ON   |
| REMOVAL C | F ENC | LOSU  | RES  |

Claims remaining after amendment Highest number previously paid for

Present Extra GROUP 220
LICENSING & REVIEV

Additional

Fee

| Total<br>Effective Claims                 | * <u>10</u> minus ** <u>20</u>  | = X \$12.00 =                | = \$                           |
|---|---|------------------------------|--------------------------------|
| Independent<br>Claims                     | 1 minus ***3  | = X \$34.00 =                | : \$                           |
| If amendment enters for <u>first</u> time | proper multiple dependent cl<br>, add \$110.00 (per application)  | aim(s) into this applic<br>) | ation<br>\$                    |
| hereby made for an                        | n set an <u>original</u> due date of _<br>extension to cover the date th<br>osed (1 month \$56; 2 months \$ | is response is filed for     | 6 , petition is r which the \$ |
| If Terminal Disclain                      | <u>er</u> enclosed, add Rule 20(d) O  | fficial fee (\$56):          | \$                             |
|   |   | Subtotal                     | \$                             |
|   | ified statement filed [ ] previ<br>f (1/2) of subtotal and <u>subtrac</u>                                   |                              | - \$                           |
|   | TOTAL ADDITIONAL FE   | E ENCLOSED                   | \$                             |

- \* If the entry in this space is less than entry in \*\* space, the "present extra" result is "0".
- \*\* If the "highest number previously paid for" in this space is less than 20, write "20" in this space.
- \*\*\* If the "highest number previously paid for" in this space is less than 3, write "3" in this space.

The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (<u>deficiencies only</u>) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown in the heading hereof, for which purpose a <u>duplicate</u> copy of this sheet is attached. This statement <u>does not authorize</u> charge of the <u>issue fee</u>, and any previous statement read to the contrary is hereby revoked.

1615 L Street, N.W. . Eleventh Floor Washington, D.C. 20036 Tel: (202) 861-3000 Ref: GJP: amg

| CUSHMAN, DARBY & CU  | SHMAN | 1        |        |
|----------------------|-------|----------|--------|
| By Atty: GLENN J. PE | RRY   | Reg. No. | 28,458 |
| Sig:                 | R     | )        |        |
| CONFIDENTIAL         |       |          |        |

|  | IN THE UNITED STA   | ልጥ <b>ኮር ዕልጥ</b> ይህጥ ልዩነ   | יים א אומרת א מידי רוי<br>מר עם א אומרת א מידי רוי   | TRICK CDC 11   |
|--|---|--|--|--|
| In ma Annli  | cation of Albert DU   |  |  | 0.00 1.  |
|  | ·   | NN et al   | Group Art Unit   |  |
|  | 531,939   |  | Examiner C. J  |  |
| _  | ptember 7, 1983   |  | Ref. No. SB-1  |  |
| Title: ST  | EERING OF MISSILE   | S C  | Our Account No.  |  |
|  | G   | onfoënj  | Our Order No   | · ·  |
|  | nissioner of Patents an<br>n, D.C. 20231  | d Trademarks   | react francis  | Date   |
| Sir:   |   |  | ė.   |  |
| Sir:   | RESPO   | ONSE/AMENDME   | NT/LETTER  |  |
| hereinto by  | This is a response/and the herewith attachmony reference and the set in absence of a signate.  Fee requirements (if   | ent of same dat ignature below is  | e and subject whic<br>to be treated as th  | th is incorporated e signature to the  |
|  | ree requirements (if  | any) have been ca  | uculated as snown be   | elow:  |
| -  |   | CLAIMS AS AME  | NDED   | JAM 8  |
| GRADE THIS   | Claims DOCUMENTremaining  | Highest<br>number  |  | GROUP 220  |
|  | LED UPON after<br>CLOSURES amendment  | previously<br>paid for   | Present<br>Extra   | Additional<br>Fee  |
|  | CLOSURES amendment  |  |  | ree  |
| Total  Total  Effective (  Independent   | CLOSURES amendment  Claims *10 n  nt1 n   | paid for   | Extra  = X \$12.00  = X \$34.00  | = \$<br>= \$   |
| Total  Total  Effective (  Independent  Claims  If amendm  | CLOSURES amendment Claims * 10 m  | paid for ninus ** 20 = ninus *** 3   | Extra  = X \$12.00  = X \$34.00 = im(s) into this applic   | = \$<br>= \$   |
| Total Effective ( Independent Claims If amendm for Since Offic hereby mac  | CLOSURES amendment  Claims *10 n  It1 n  ent enters proper mult   | paid for  ninus ** 20 :  ninus *** 3  ciple dependent cla 0 (per application)  inal due date of cover the date thi                                     | Extra  = X \$12.00  = X \$34.00 =  | = \$<br>= \$<br>eation<br>\$<br>6 , petition is  |
| Total Effective ( Independent Claims If amendm for Since Offic hereby mac  | CLOSURES amendment  Claims * 10 m  It 1 m  ent enters proper mult first time, add \$110.00 m  cial Action set an original defor an extension to   | paid for  ninus **20 :  ninus ***3  ciple dependent cla (per application)  inal due date of  cover the date thi h \$56; 2 months \$1                   | Extra  = X \$12.00  = X \$34.00 =  | = \$<br>= \$<br>eation<br>\$<br>6 , petition is  |
| Total Effective ( Independent Claims If amendm for Since Offic hereby mac  | CLOSURES amendment  Claims * 10 m  t 1 m  ent enters proper mult first time, add \$110.00 m  cial Action set an originate for an extension to see is enclosed (1 month  | paid for  ninus **20 :  ninus ***3  ciple dependent cla (per application)  inal due date of  cover the date thi h \$56; 2 months \$1                   | Extra  = X \$12.00  = X \$34.00 =  | = \$<br>= \$<br>eation<br>\$<br>6 , petition is  |
| Total Effective ( Independent Claims If amendm for Since Officine Officine of the requisite for the requisite for the requisite for the remains of the remai | CLOSURES amendment  Claims * 10 m  t 1 m  ent enters proper mult first time, add \$110.00 m  cial Action set an originate for an extension to see is enclosed (1 month  | paid for  ninus ** 20  ninus *** 3  ciple dependent cla 0 (per application) inal due date of cover the date thi h \$56; 2 months \$1 add Rule 20(d) Of | Extra  = X \$12.00  = X \$34.00  aim(s) into this application in the sample of | = \$<br>= \$<br>eation<br>\$<br>6 , petition is  |
| Total Effective ( Independent Claims If amendm for Since Officine Officine of the requisite for the requisite for the requisite for the remains of the remai | CLOSURES amendment  Claims * 10 m  It 1 m  ent enters proper mult first time, add \$110.00  cial Action set an originate for an extension to be is enclosed (1 month 1 Disclaimer enclosed, and the content of the conten | paid for  ninus ** 20  ninus *** 3  ciple dependent cla 0 (per application) inal due date of cover the date thi h \$56; 2 months \$1 add Rule 20(d) Of | Extra  = X \$12.00  = X \$34.00  aim(s) into this application  January 2, 198 s response is filed for a few states of the states of th | = \$<br>= \$<br>eation<br>\$<br>, petition is  |
| Total Effective ( Independent Claims If amendm for Since Officine Officine of the requisite for the requisite for the requisite for the remains of the remai | CLOSURES amendment  Claims * 10 m  It 1 m  ent enters proper mult first time, add \$110.00  cial Action set an origi de for an extension to ee is enclosed (1 month 1 Disclaimer enclosed,  ntity" verified stateme er one-half (1/2) of sub  TOTAL   | paid for  ninus **   | Extra  = X \$12.00  = X \$34.00  aim(s) into this application  January 2, 198 s response is filed for a few states of the states of th | = \$<br>= \$<br>= \$<br>= \$<br>= \$<br>= \$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$   |
| Total Effective ( Independent Claims If amendm for Since Office hereby maderequisite for If Termina  If "small enterests"  | CLOSURES amendment  Claims * 10 m  It 1 m  ent enters proper mult first time, add \$110.00  cial Action set an origi de for an extension to ee is enclosed (1 month 1 Disclaimer enclosed,  ntity" verified stateme er one-half (1/2) of sub  TOTAL  If the entry in this "present extra" res   | paid for  ninus ***  | Extra  = X \$12.00  = X \$34.00  aim(s) into this application in this application in the property of t | = \$<br>= \$<br>eation<br>\$<br>6 _, petition is<br>or which the<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$<br>\$ |

The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (<u>deficiencies only</u>) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown in the heading hereof, for which purpose a <u>duplicate</u> copy of this sheet is attached. This statement <u>does not authorize</u> charge of the issue fee, and any previous statement read to the contrary is hereby revoked.

1615 L Street, N.W. Eleventh Floor Washington, D.C. 20036 Tel: (202) 861-3000 Ref: GJP: amg CUSHMAN, DARBY & CUSHMAN

By Atty: GLENN J. PERRY Reg. No. 28,458

CONFIDENTAL



2/3/81

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Albert DUNN et al Serial No. 531,939 Filed September 7, 1983 STEERING OF MISSILES Art Unit 221 Examiner C. Jordan Our Account 03-3975

Ref: SB-186

Our Order #817/34472

January 2, 1986

Hon. C Washin

Hon. Commissioner of Patents & Trademarks Washington, D.C. 20231

RECEIVED

JAN Z

REQUEST FOR APPROVAL OF DRAWING

G GROUP 220 ≟ICENSING & REVIEV

Sir:

The Examiner's approval is requested for the corrections set forth in red ink on the accompanying photoprint of Figure 3a.

Upon approval of the corrections, the drawings will be corrected in accordance with current Patent Office procedures.

Respectfully submitted,
CUSHMAN, DARBY & CUSHMAN

Glenn J. Perry Reg. No. 28,458

GJP:amg Attachment

1615 L Street, N.W. Washington, D.C. 20036 (202) 861-3000

CONFIDENTIAL